

686 AATKTIASVGRGRFGVSSQRP LKCVGGAETDFNYDSE 726

Search completed: December 2, 2005, 09:17:46
Job time : 1 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model
Run on: December 2, 2005, 09:18:14 ; Search time 3 Seconds
(without alignments)
4.630 Million cell updates/sec

Title: US-08-992-914-3*
Perfect score: 2498
Sequence: 1 ccaaccatgcaaacctaa.....ttgtaaaaaaaaaaaaa 2498

Scoring table: IDENTITY NUC
Gap 10.0, Gapext 0.5

Searched: 1 segs, 2780 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: 6891084.seq.*
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
1	289.698	11.6	2780	1 US-09-425-055-23*
2	17.8	0.7	2780	1 US-09-425-055-23*

ALIGNMENTS

RESULT 1
US-09-425-055-23
Sequence 23, Application US/09425055
Patent No. 6891084
GENERAL INFORMATION:
APPLICANT: OSUMI, CHIEKO
APPLICANT: NOZAKI, JINSHI
APPLICANT: KIDA, TAKAO
TITLE OF INVENTION: RAFFINOSE SYNTHASE GENE, METHOD FOR PRODUCING RAFFINOSE, AND TRAN
TITLE OF INVENTION: PLANT
FILE REFERENCE: 001010440CONT
CURRENT APPLICATION NUMBER: US/09/425.055
CURRENT FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: PCT/JP97/03879
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: JP 9-111124
PRIOR FILING DATE: 1997-04-28
PRIOR APPLICATION NUMBER: US 08/846,234
PRIOR FILING DATE: 1997-04-28
PRIOR APPLICATION NUMBER: JP 8-198079
PRIOR FILING DATE: 1996-07-26
PRIOR APPLICATION NUMBER: JP 8-107682
PRIOR FILING DATE: 1996-04-26
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23

LENGTH: 2780
TYPE: DNA
ORGANISM: Glycine max cv. Clark63
FEATURE:
NAME/KEY: CDS
LOCATION: (156)..(2405)
OTHER INFORMATION:
US-09-425-055-23

Query Match 11.6%; Score 289.698; DB 1; Length 2780;
Best Local Similarity 48.5%; Pred. No. 0;
Matches 1019; Conservative 0; Mismatches 999; Indels 81; Gaps 9;

QY	266	GGTTCCTTCGTGGGCTTCCACGGGACGAGCCGAGACCGGACAGCTGGCTTCCCTGGG	325
DB	279	GGTCTTTTGTGGTCCACAGCTTCACACAGCAAAAGTCCATGTGTTCCAAATGGGT	338
QY	326	AGCTCAGAGGAATAAATTCATGACATATTCGGTTTAAGGTGGTGGACACACAC	385
DB	339	GTTTAAAGGGGCTCCGGTTCATGTGTTTCCGGTCAAGTTATGTGATGACTCAG	398
QY	386	TGGGTGCTAGCAACGACGACGACGACGACGACGACGACGACGACGACGACGAC	445
DB	399	AGATGGGAATCTGTGGAGGAGATGTTCTTGGAGACTCAATTCATGCTTATGAGAC	458
QY	446	AACGACC-----AGCTCGAGCCCTTGTGTGATTCCTCCGATC	487
DB	459	AAAGAGAGTAACTGATGGGAGAAATCTCCATCATCTGCTTCTTCCTC	518
QY	488	CTCCAAAGCTCGTCCGACCTCCCTCCGACCCGCTTGGATATACGTCGACGTTTC	547
DB	519	CTCGAAGGTCAATTCGAGCTGTTCTTCAAGGCAATGACAAAGAGATGATTTTC	578
QY	548	ATGAGAGGGGCTGACAGCTGCTGTGGCTCCAGCTTGGGAGCTGCTATACGTCAC	607
DB	579	CTCGAAGTGGGATATGACATGATGACGACGACGACGACGACGACGACGACGAC	638
QY	608	GTTGGCATGACCCGATCATGTTCTTGAAGACCAATTAAGTCTTGAATGATGATTC	667
DB	639	GCTGGGACCAATCCCTTAAAGTCAATCAAGCTGTAAGCTGTAAGGAAAAACATG	698
QY	668	GGGACCTTAAAGCTTTCGAGAGAAAACCGCCGCTGATCATTAACAAGTTGGTTGG	727
DB	699	CAAACTTTCTTCTATGATGAGAAAGAGTTCCTTCTTCACTGTTTGGATGG	758
QY	728	TGTAATGGGACGCTTACTTGAAGTGCATCCCTCAGGTGTGGAGGGGTGA	787
DB	759	TGCAATGGGATGCTTCTTATCTGATGACAGCTGAGGGTGTGAGAGGCTGAAA	818
QY	788	GGTGTGGAGGAGGAGGCTCCGAGGATGCTTATGACGAGGAGGAGGAGGAGG	847
DB	819	AGCTATATCAGAGGAGTACCTCCAGATTCCTATCATATGATATGATGGCAACAG	878
QY	848	ATTGTGACGAGAGGACCCATTAAGCAAGCAAGAGGATGAGAAAGGAACTCCGAGGG	907
DB	879	ATTGAAATTAAGCAAGAGATGCTATGATGTTGG-----TACAAGAGGA	926
QY	908	GAGCAATGCCATGCAAGTTGGTGAAGAGAAATTAACAAGTTCAACAGTATTTGT	967
DB	927	GCAAGTTTCTATAGGTGACTGTTATTAAGAAATACTAAATTTCAAAAGAAATTA	986
QY	968	AGTGAAGAGATTCGAGAAGGATAGGCTGCTTGTAGGACTTGAAGAAAGCTTT	1027
DB	987	CAGAACATGACAGATGCAAGCTGGAAGCATCTAGTACATGAGCAAG--CAGCAT	1043
QY	1028	AGGACGTGAGCAGGATGATGTGGACGAGCTTGGGATATGGGGTGGGAGCAG	1087
DB	1044	CACATGTGAAAAATGATATGATGATGATGATGATGATGATGATGATGATGATG	1103
QY	1088	CCCAAGTTCCGGGAGATGCCAGGCTAAGTTGTCAC-----TCCGAGCTGTCAT	1141
DB	1104	CCAGAGCAACCGGATGAGACATATGACACTGCTTGGCATATTCAGTGGAGTACCA	1163

